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Illinois  
Environmental  
Protection Agency

23722216  
Division of Public Water Supplies  
2200 Churchill Road  
Springfield, Illinois 62706

# Groundwater Quality Protection Program

STEELEVILLE  
FACILITY NUMBER 1570650  
WELL SITE SURVEY  
REPORT

Division of Public Water Supplies



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ILLINOIS DOCUMENTS



GROUNDWATER QUALITY PROTECTION PROGRAM:

STEELEVILLE  
FACILITY NUMBER 1570650  
WELL SITE SURVEY  
REPORT

Prepared by:

Division of Public Water Supplies

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## INTRODUCTION

This report has been prepared by the Agency pursuant to Section 17.1 of the Illinois Environmental Protection Act. The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

## FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Village of Steeleville obtains its water from six shallow sandstone wells. These wells provide an average of 234,000 gallons per day to 879 services. See Table I for a description of each well. The surficial geologic susceptibility rating for all six wells is G. The bedrock aquifer is overlain by low permeability sediments. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A complete description and geologic profile is found in the Facility Wells Report (Appendix D).

Table I

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Available
Well #1 (60207)	200	No	A	80 0.115		Aer., Filt., Chl., Fl.	Shallow Bedrock	285	Yes
Well #2 (60269)	200	No	A	35 0.050		Same	Same	319	
Well #3 (60208)	200	No	A	85 0.122		Same	Same	319	Yes
Well #4 (60209)	200	No	A	70 0.104		Chl., Fl.	Same	314	Yes
Well #5 (60210)	200	No	A	90 0.132		Same	Same	335	Yes
Well #6 (60211)	200	No	A	75 0.108	0.6	Same	Same	335	Yes

A - Active



## GROUNDWATER SAMPLING AND MONITORING HISTORY

The Steeleville public water wells were sampled on January 22, 1987 as part of a Statewide Groundwater Monitoring Program. The samples were analyzed for inorganic chemicals (IOC) and volatile organic/aromatic compounds (VOC/VOA).

VOC/VOA analyses did not detect quantifiable levels of any organic compounds. IOC analyses indicate that most parameters are consistent with other shallow sandstone aquifers in Illinois (Appendix E).

## WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory that relate information about potential contamination sources, routes and possible problem sites to public water supply well(s). The location of the potential sources, routes, possible problem sites, minimum setback zones and the 1,000 ft. survey area are all displayed on the aerial photographic map (Appendix B).

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as "any device; mechanism, equipment, or area (exclusive of land utilized only for agricultural production)" (See Groundwater Primer pg. 19). The Agency 5-digit well number is associated with a map code or unit, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (Primer pages 18-19). Each unit or map code is then described and associated with an owner/address. In addition, the distance and direction from the wellhead is indicated.

### Results and Findings

The Steeleville well site survey was conducted on July 26, 1990 by Wade Boring from the Agency's Springfield Office. The following describes the results and findings for the Steeleville public water wells.

#### Steeleville Well #1 (IEPA #60207)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are six possible problem sites within 1,500 feet of Well #1. They are below ground fuel storage (map code 3) 1,350 ft. NW, American Device Mfg. Co. (map code 5) 1,400 Ft. WNW, Schemonic Bros. Garage (map code 8) 1,100 ft. WSW, a former gas station (map code 9) 1,240 ft. WSW, Gilster - Mary Lee (map code 11) 700 ft. E and a closed gas station (map code 19) 1,260 ft. SE.

#### Steeleville Well #3 (IEPA #60208)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are five possible problem sites within 1,500 feet of #3. They are Niederbrach Truck Service (map code 10) 1,200 ft. NNW, Gilster - Mary Lee (map code 11) 250 ft. E, Hucks (map code 16) 1,200 ft. SE, Sunoco (map code 17) 1,360 ft. SE and a closed gas station (map code 19) 1,050 ft. SE.

#### Steeleville Well #4 (IEPA #60209)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are eight possible problem sites within 1,500 feet of Well #4. They are Yesley Service Co. (map code 1) 650 ft. N, below ground fuel storage (map code 3) 100 ft. S, Egyptian Electric Co-op (map code 4) 500 ft. WSW, American Device Mfg. Co. (map code 5) 500 ft. SSW, Brockhorn Motor Sales (map code 6) 1,100 ft. SW, Schemonic Bros. Garage (map code 8) 1,200 ft. S, a former gas station (map code 9) 1,250 ft. S and Niederbrach Truck Service (map code 10) 1,300 ft. NE.

#### Steeleville Well #2 (IEPA #60269)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are eight possible problem sites within 1,500 feet of Well #2. They are Gilster - Mary Lee (map code 11) 300 ft. W, below ground fuel storage (map code 12) 1,500 ft. NE, IDOT (map code 14) 900 ft. NE, a former gas station (map code 15) 1,370 ft. SE, Hucks (map code 16) 1,100 ft. SSW, Sunoco (map code 17) 1,200 ft. SSW, the Village Maintenance Building (map code 18) 1,400 ft. S and a closed gas station (map code 19) 1,360 ft. SW.

#### Steeleville Well #5 (IEPA #60210)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are three possible problem sites within 1,500 feet of Well #5. They are IDOT (map code 14) 1,400 ft. NNW, a former gas station (map code 15) 900 ft. W and the sewage treatment plant (map code 20) 1,300 ft. S.

#### Steeleville Well #6 (IEPA #60211)

The survey area is mostly urban. The area is a mixture of residential and commercial with some light industrial. There are three possible problem sites within 1,500 feet of Well #6. They are below ground fuel storage (map code 12) 670 ft. SW, Gilster - Mary Lee (map code 13) 500 ft. SSE and IDOT (map code 14) 1,300 ft. SW.

### SUMMARY AND RECOMMENDATIONS

The well site survey conducted indicates that there are potential sources/sites that could pose a hazard to groundwater utilized by the Steeleville public water wells.

- One site with above ground bulk fuel storage; Yesley Service Co.
- Three abandoned and/or former gas stations.
- Eleven sites with below ground fuel storage; Yesley Service Co., Egyptian Electrical Co-op, American Device Mfg. Co., Brockhorn Motor, Niederbrach Truck Service, Gilster - Mary Lee, Hucks, Sunoco, the Village Maintenance Shed and two unmarked buildings.



- The sewage treatment plant.

The Illinois Environmental Protection Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the controls would then be assumed by local officials through adoption of a maximum setback zone ordinance.

Maximum setback zones prohibit the siting of new potential primary sources of groundwater contamination up to a distance of 1,000 feet from the wellhead. In addition, a maximum setback zone could expand the regulatory coverage of certain new and existing activities. These controls could be implemented upon the adoption of proposed regulations by the Illinois Pollution Control Board.

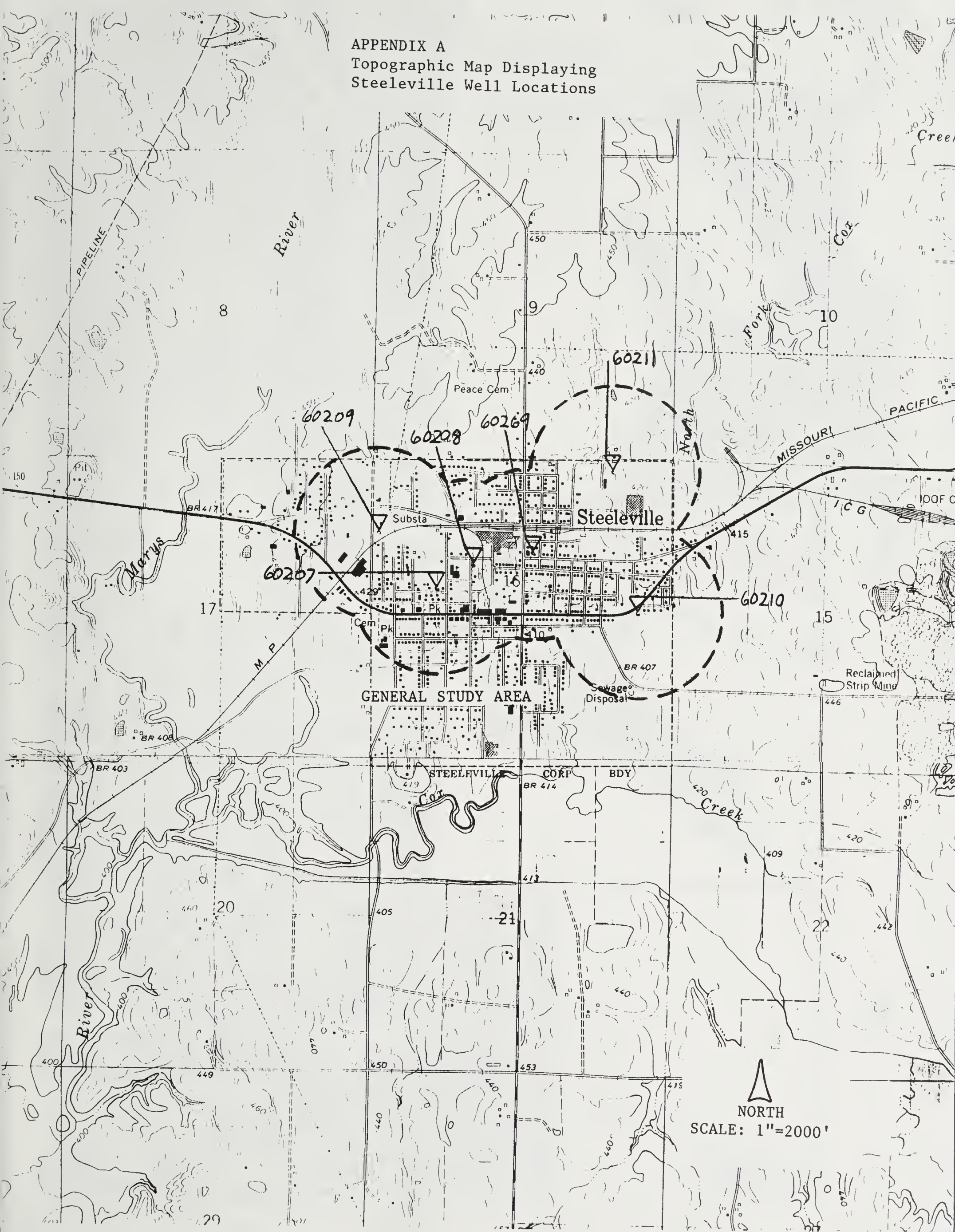
The Agency strongly urges Steeleville to consider establishing maximum setback zones for its wells. The Agency has prepared a "Maximum Setback Zone Workbook" which provides detailed case studies of how to establish a maximum setback zone. Technical assistance is available from the Agency and the Illinois State Water Survey.

## TECHNICAL APPENDICES





APPENDIX A  
Topographic Map Displaying  
Steeleville Well Locations







APPENDIX B  
Aerial Photographic Map



60209

60207

60208

STEELEVILLE  
570650  
21-400



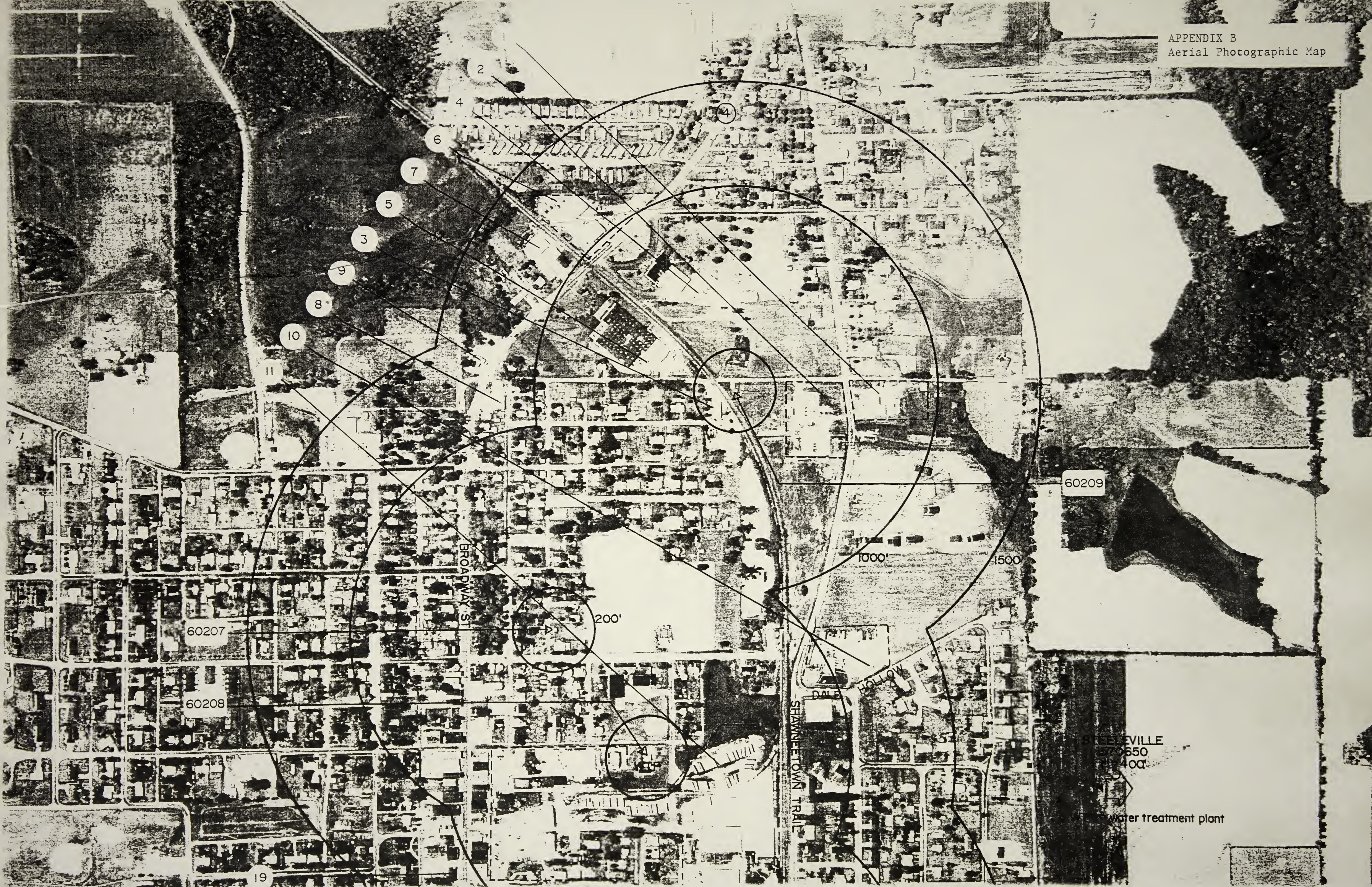
water treatment plant

10

11

19







APPENDIX: B1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #1 (IEPA #60207)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 West Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60207  
WELL NAME & DESC.: Well #1  
TREATMENT APPLICATION POINT: 01  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:

LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16, 7E  
DISTANCE FROM CORNER: 2200S, 1275E  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.  
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low permeability sediments.

AGE OF WELL (DATE WELL CONSTRUCTION): 1935

WELL DEPTH: 285 ft.

AQUIFER CODE: 2020 - Shallow bedrock aquifer

MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The area is a mixture of residential, commercial and some light industrial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

WB:jas/3073n,7

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #1 (IEPA #60207)

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Classification (CLASSF\*) KEY

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MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

---

WELL NO. - MAP CODE - CLASSF\*: 60207-01

NAME & ADDRESS OF UNIT OWNER: Yesley Service Co., Inc., 600 Shawneetown Trail, Steeleville, Illinois 62288 618/965-9435

DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1800 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60207-02

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Electrical substation

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1500 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60207-03

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1350 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60207-04

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op, Inc., 1005 W. Broadway, Steeleville, Illinois 62288 618/965-3434

DESCRIPTION AND COMMENTS: Electric company with transformer storage and below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1800 ft. WNW

---

WELL NO. - MAP CODE - CLASSF\*: 60207-05

NAME & ADDRESS OF UNIT OWNER: American Device Mfg. Co., 1003 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Mailbox and alarm manufacturing, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1400 ft. WNW

---

WELL NO. - MAP CODE - CLASSF\*: 60207-06

NAME & ADDRESS OF UNIT OWNER: Brockhorn Motor Sales, Inc. 1014 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2000 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60207-07

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op

DESCRIPTION AND COMMENTS: Office and garage

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1850 Ft. W

---



APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #1 (IEPA #60207)

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF\*: 60207-08  
NAME & ADDRESS OF UNIT OWNER: Schemonic Bros. Garage, Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Auto repair shop  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1100 Ft. WSW

WELL NO. - MAP CODE - CLASSF\*: 60207-09  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1240 ft. WSW

WELL NO. - MAP CODE - CLASSF\*: 60207-10  
NAME & ADDRESS OF UNIT OWNER: Niederbrach Truck Service, Inc., Dale Hollow, Steeleville, Illinois 62288 618/965-3488  
DESCRIPTION AND COMMENTS: Trucking company with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1550 ft. NNE

WELL NO. - MAP CODE - CLASSF\*: 60207-11  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, 705 N. Sparta, Steeleville, Illinois 62288 618/965-3485  
DESCRIPTION AND COMMENTS: Cake mix factory with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 700 ft. E

WELL NO. - MAP CODE - CLASSF\*: 60207-12  
NAME & ADDRESS OF UNIT OWNER: Unknown  
DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3300 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60207-13  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Cake mix factory  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3600 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60207-14  
NAME & ADDRESS OF UNIT OWNER: Illinois Department of Transportation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Truck parking, garage and covered salt storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2600 ft. NE

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #1 (IEPA #60207)

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Classification (CLASSF\*) KEY

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MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

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WELL NO. - MAP CODE - CLASSF\*: 60207-15

NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Former gas station

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2700 ft. ESE

---

WELL NO. - MAP CODE - CLASSF\*: 60207-16

NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334

DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1550 ft. ESE

---

WELL NO. - MAP CODE - CLASSF\*: 60207-17

NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1680 ft. ESE

---

WELL NO. - MAP CODE - CLASSF\*: 60207-18

NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1850 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60207-19

NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Closed gas station

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1260 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60207-20

NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 3800 ft. SE

---

APPENDIX: B2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #3 (IEPA #60208)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 W. Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60208  
WELL NAME & DESC.: Well #3  
TREATMENT APPLICATION POINT: 01  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:

LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16 6F  
DISTANCE FROM CORNER: 1800S, 3470W  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.

MAX. SETBACK:  
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low  
permeability sediments

AGE OF WELL (DATE WELL CONSTRUCTION): 1966  
WELL DEPTH: 319 ft.

AQUIFER CODE: 2020 - Shallow bedrock aquifer  
MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The  
area is a mixture of residential, commercial and some light industrial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

WB:jas/3073n,11



APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #3 (IEPA #60208)

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Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60208-01

NAME & ADDRESS OF UNIT OWNER: Yesley Service Co., Inc., 600 Shawneetown Trail, Steeleville, Illinois 62288 618/965-9435

DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2100 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60208-02

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Electrical substation

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1700 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60208-03

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1750 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60208-04

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op, Inc., 1005 W. Broadway, Steeleville, Illinois 62288 618/965-3434

DESCRIPTION AND COMMENTS: Electric company with transformer storage and below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2300 ft. WNW

---

WELL NO. - MAP CODE - CLASSF\*: 60208-05

NAME & ADDRESS OF UNIT OWNER: American Device Mfg. Co., 1003 W. Broadway, Steeleville, Illinois 62288 618/965-3491

DESCRIPTION AND COMMENTS: Mailbox and alarm manufacturing, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1900 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60208-06

NAME & ADDRESS OF UNIT OWNER: Brockhorn Motor Sales, Inc., 1014 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2600 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60208-07

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op

DESCRIPTION AND COMMENTS: Office and garage

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2500 ft. WSW

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APPENDIX; B2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #3 (IEPA #60208)

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF\*: 60208-08  
NAME & ADDRESS OF UNIT OWNER: Schemonic Bros. Garage, Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Auto repair shop  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1900 ft. SW

WELL NO. - MAP CODE - CLASSF\*: 60208-09  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2100 ft. SW

WELL NO. - MAP CODE - CLASSF\*: 60208-10  
NAME & ADDRESS OF UNIT OWNER: Niederbrach Truck Service, Inc., Dale Hollow, Steeleville, Illinois 62288 618/965-3488  
DESCRIPTION AND COMMENTS: Trucking company with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1200 ft. NNW

WELL NO. - MAP CODE - CLASSF\*: 60208-11  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, 705 N. Sparta, Steeleville, Illinois 62288 618/965-3485  
DESCRIPTION AND COMMENTS: Cake mix factory with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 250 ft. E

WELL NO. - MAP CODE - CLASSF\*: 60208-12  
NAME & ADDRESS OF UNIT OWNER: Unknown  
DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2520 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60208-13  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Cake mix factory  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2950 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60208-14  
NAME & ADDRESS OF UNIT OWNER: Illinois Department of Transportation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Truck parking, garage and covered salt storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2200 ft. NE

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #3 (IEPA #60208)

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Classification (CLASSF\*) KEY

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MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE	OR = POTENTIAL ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

---

---

WELL NO. - MAP CODE - CLASSF\*: 60208-15  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2150 Ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60208-16  
NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334  
DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1200 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60208-17  
NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1360 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60208-18  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1550 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60208-19  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Closed gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1050 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60208-20  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3500 ft. SE

---



APPENDIX: B3 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #4 (IEPA #60209)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 W. Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60209  
WELL NAME & DESC.: Well #4  
TREATMENT APPLICATION POINT: 02  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:  
LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16, 8G  
DISTANCE FROM CORNER: 1250S, 50E  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.  
MAX. SETBACK:  
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low permeability sediments  
AGE OF WELL (DATE WELL CONSTRUCTION): 1974  
WELL DEPTH: 314 ft.  
AQUIFER CODE: 2020 - Shallow bedrock aquifer  
MULTIPLE AQUIFER (Y, N): No  
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The area is a mixture of residential, commercial and some light industrial.  
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

WB:jas/3073n,15



APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #4 (IEPA #60209)

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Classification (CLASSF\*) KEY

---

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60209-01-OS

NAME & ADDRESS OF UNIT OWNER: Yesley Service Co., Inc., 600 Shawneetown Trail, Steeleville, Illinois 62288 618/965-9435

DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 650 ft. N

---

WELL NO. - MAP CODE - CLASSF\*: 60209-02

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Electrical substation

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 300 ft. N

---

WELL NO. - MAP CODE - CLASSF\*: 60209-03-XI

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 100 ft. S

---

WELL NO. - MAP CODE - CLASSF\*: 60209-04-OS

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op, Inc., 1005 W. Broadway, Steeleville, Illinois 62288 618/965-3434

DESCRIPTION AND COMMENTS: Electric company with transformer storage and below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 500 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60209-05-OX

NAME & ADDRESS OF UNIT OWNER: American Device Mfg. Co., 1003 W. Broadway, Steeleville, Illinois 62288 618/965-3491

DESCRIPTION AND COMMENTS: Mailbox and alarm manufacturing, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 500 ft. SSW

---

WELL NO. - MAP CODE - CLASSF\*: 60209-06

NAME & ADDRESS OF UNIT OWNER: Brockhorn Motor Sales, Inc., 1014 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1100 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60209-07

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op

DESCRIPTION AND COMMENTS: Office and garage

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1200 ft. SW

---

APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #4 (IEPA #60209)

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF\*: 60209-08

NAME & ADDRESS OF UNIT OWNER: Schemonic Bros. Garage, Broadway, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Auto repair shop

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1200 ft. S

WELL NO. - MAP CODE - CLASSF\*: 60209-09

NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Former gas station

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1250 ft. S

WELL NO. - MAP CODE - CLASSF\*: 60209-10

NAME & ADDRESS OF UNIT OWNER: Niederbrach Truck Service, Inc., Dale Hollow, Steeleville, Illinois 62288 618/965-3488

DESCRIPTION AND COMMENTS: Trucking company with below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1300 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60209-11

NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, 705 N. Sparta, Steeleville, Illinois 62288 618/965-3485

DESCRIPTION AND COMMENTS: Cake mix factory with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1800 ft. E

WELL NO. - MAP CODE - CLASSF\*: 60209-12

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 3900 ft. NE

WELL NO. - MAP CODE - CLASSF\*: 60209-13

NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Cake mix factory

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4600 ft. ENE

WELL NO. - MAP CODE - CLASSF\*: 60209-14

NAME & ADDRESS OF UNIT OWNER: Illinois Department of Transportation, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Truck parking, garage and covered salt storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4000 ft. E

APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #4 (IEPA #60209)

---

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60209-15  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway Street, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3900 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60209-16  
NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334  
DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2950 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60209-17  
NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3100 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60209-18  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3250 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60209-19  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Closed gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2600 ft. SE

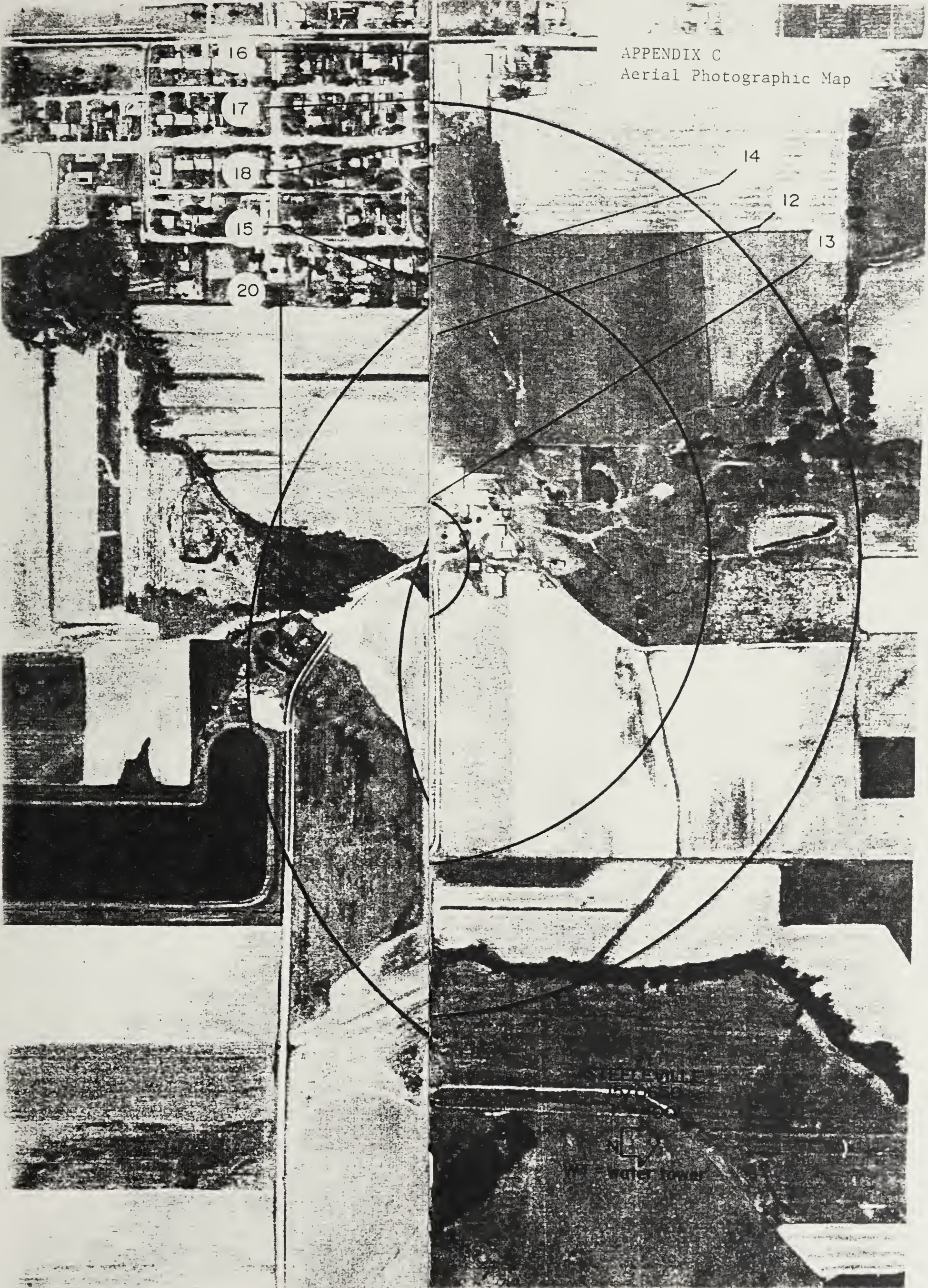
---

WELL NO. - MAP CODE - CLASSF\*: 60209-20  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 5000ft. SE

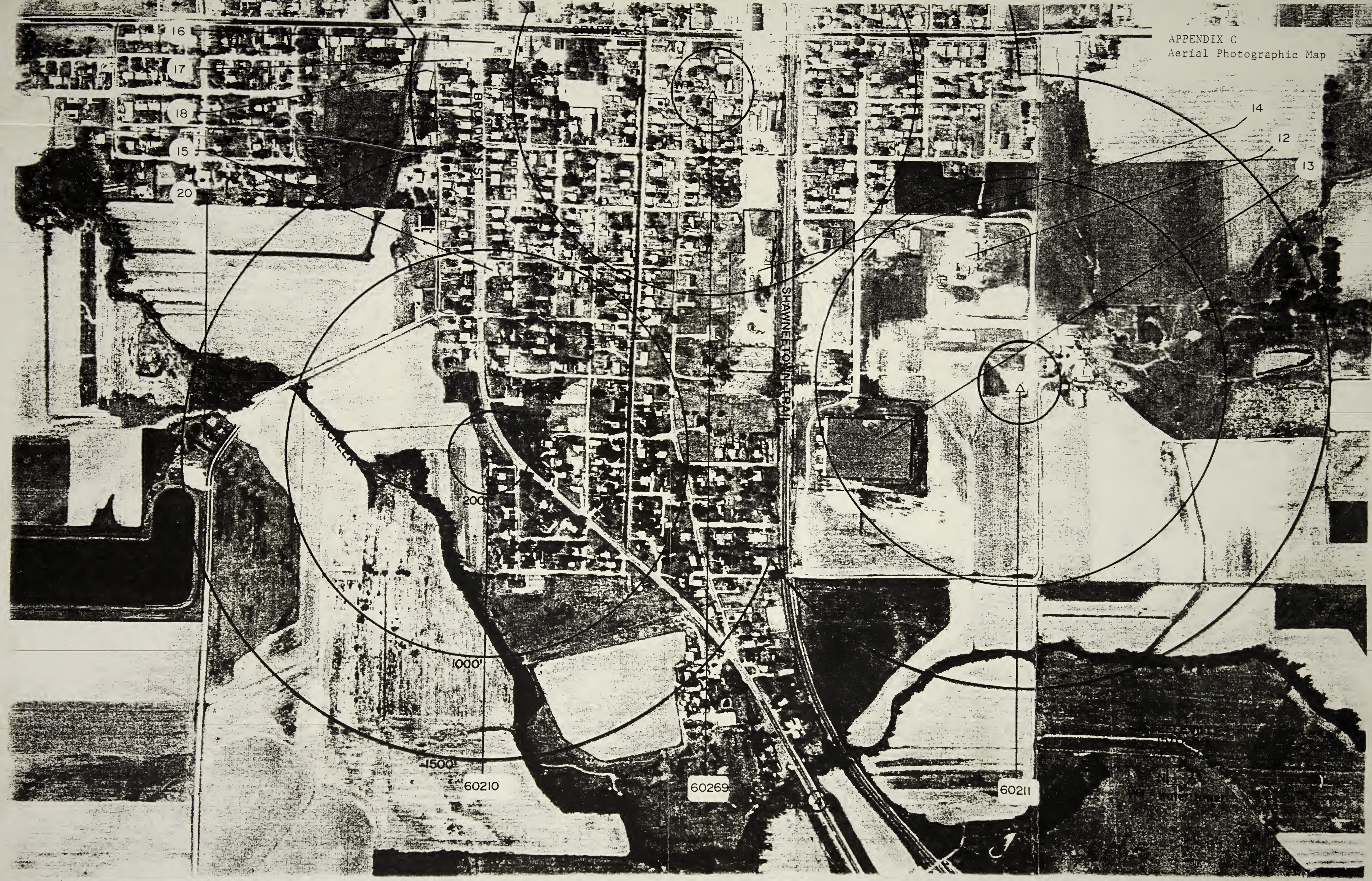
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APPENDIX C  
Aerial Photographic Map









APPENDIX: C1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #2 (IEPA #60269)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 W. Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60269  
WELL NAME & DESC.: Well #2  
TREATMENT APPLICATION POINT: 01  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:

LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16, 4F  
DISTANCE FROM CORNER: 3700N, 2400W  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.

MAX. SETBACK:  
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low permeability sediments.

AGE OF WELL (DATE WELL CONSTRUCTION): 1945

WELL DEPTH: 319 ft.

AQUIFER CODE: 2020 - Shallow bedrock aquifer

MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The area is a mixture of residential, commercial and some light industrial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

WB:jas/3073n,19

APPENDIX: C1 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #2 (IEPA #60269)

---

Classification (CLASSF\*) KEY

---

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

---

WELL NO. - MAP CODE - CLASSF\*: 60269-15  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1370 ft. SE

---

WELL NO. - MAP CODE - CLASSF\*: 60269-16  
NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334  
DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1100 ft. SSW

---

WELL NO. - MAP CODE - CLASSF\*: 60269-17  
NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1200 ft. SSW

---

WELL NO. - MAP CODE - CLASSF\*: 60269-18  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1400 ft. S

---

WELL NO. - MAP CODE - CLASSF\*: 60269-19  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Closed gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1360 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60269-20  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3000 ft. SE

---



APPENDIX: C2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #5 (IEPA #60210)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 W. Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60210  
WELL NAME & DESC.: Well #5  
TREATMENT APPLICATION POINT: 03  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:  
LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16, 1E  
DISTANCE FROM CORNER: 2600S, 590W  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.  
MAX. SETBACK:  
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low permeability sediments.  
AGE OF WELL (DATE WELL CONSTRUCTION): 1975  
WELL DEPTH: 335 ft.  
AQUIFER CODE: 2020 - Shallow bedrock aquifer  
MULTIPLE AQUIFER (Y, N): No  
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The area is a mixture of residential, commercial and some light industrial.  
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

WB:jas/3073n,23

APPENDIX: C2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #5 (IEPA #60210)

---

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60210-01

NAME & ADDRESS OF UNIT OWNER: Yesley Service Co., Inc., 600 Shawneetown Trail, Steeleville, Illinois 62288 618/965-9435

DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage, assumed greater than 500 gallons

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5000 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-02

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Electrical substation

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4700 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-03

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4800 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-04

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op, Inc., 1005 W. Broadway, Steeleville, Illinois 62288 618/965-3434

DESCRIPTION AND COMMENTS: Electric company with transformer storage and below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5200 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-05

NAME & ADDRESS OF UNIT OWNER: American Device Mfg. Co., 1003 W. Broadway, Steeleville, Illinois 62288 618/965-3491

DESCRIPTION AND COMMENTS: Mailbox and alarm manufacturing, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5000 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-06

NAME & ADDRESS OF UNIT OWNER: Brockhorn Motor Sales, Inc., 1014 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5300 ft. WNW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-07

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op

DESCRIPTION AND COMMENTS: Office and garage

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5200 ft. WNW

---

APPENDIX: C2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #5 (IEPA #60210)

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Classification (CLASSF\*) KEY

---

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60210-08

NAME & ADDRESS OF UNIT OWNER: Schemonic Bros. Garage, Broadway, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Auto repair shop

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4700 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60210-09

NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Former gas station

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4850 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60210-10

NAME & ADDRESS OF UNIT OWNER: Niederbrach Truck Service, Inc., Dale Hollow, Steeleville, Illinois 62288 618/965-3488

DESCRIPTION AND COMMENTS: Trucking company with below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 3940 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-11

NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, 705 N. Sparta, Steeleville, Illinois 62288 618/965-3485

DESCRIPTION AND COMMENTS: Cake mix factory with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2500 ft. NW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-12

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 2540 ft. NNW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-13

NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Cake mix factory

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1690 ft. N

---

WELL NO. - MAP CODE - CLASSF\*: 60210-14

NAME & ADDRESS OF UNIT OWNER: Illinois Department of Transportation, Steeleville, Illinois 62288

DESCRIPTION AND COMMENTS: Truck parking, garage and covered salt storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 1400 ft. NNW

---



APPENDIX: C2 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #5 (IEPA #60210)

---

Classification (CLASSF\*) KEY

---

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

---

WELL NO. - MAP CODE - CLASSF\*: 60210-15-0X  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 900 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60210-16  
NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334  
DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2000 ft. W

---

WELL NO. - MAP CODE - CLASSF\*: 60210-17  
NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1900 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-18  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1820 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-19  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Closed gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2370 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60210-20  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1300 ft. S

---



APPENDIX: C3 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE  
STEELEVILLE WELL #6 (IEPA #60211)

SURVEYOR: W. Boring  
SURVEY DATE: 7/26/90

ADDRESS:  
Village Hall  
107 W. Broadway  
Steeleville, Illinois 62288

AGENCY WELL NO: 60211  
WELL NAME & DESC.: Well #6  
TREATMENT APPLICATION POINT: 04  
FACILITY NO. & NAME: 1570650 - Steeleville  
FAC. PHONE NUMBER:

LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT:  
6S, 5W, 16, 2H  
DISTANCE FROM CORNER: 84S, 961W  
QUAD SHEET CODE & NAME: 252C - Steeleville  
MIN. SETBACK: 200 ft.  
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: G - Bedrock overlain by low permeability sediments

AGE OF WELL (DATE WELL CONSTRUCTION): 1980

WELL DEPTH: 335 ft.

AQUIFER CODE: 2020 - Shallow bedrock aquifer

MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is mostly urban. The area is a mixture of residential, commercial and some light industrial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: C3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #6 (IEPA #60211)

---

Classification (CLASSF\*) KEY

---

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60211-01

NAME & ADDRESS OF UNIT OWNER: Yesley Service Co., Inc., 600 Shawneetown Trail, Steeleville, Illinois 62288 618/965-9435

DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4350 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-02

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Electrical substation

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4200 ft. WSW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-03

NAME & ADDRESS OF UNIT OWNER: Unknown

DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4550 ft. SW

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WELL NO. - MAP CODE - CLASSF\*: 60211-04

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op, Inc., 1005 W. Broadway, Steeleville, Illinois 62288 618/965-3434

DESCRIPTION AND COMMENTS: Electric company with transformer storage and below ground fuel storage assumed greater than 500 gallons.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5000 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-05

NAME & ADDRESS OF UNIT OWNER: American Device Mfg. Co., 1003 W. Broadway, Steeleville, Illinois 62288 618/965-3491

DESCRIPTION AND COMMENTS: Mailbox and alarm manufacturing, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 4800 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-06

NAME & ADDRESS OF UNIT OWNER: Brockhorn Motor Sales, Inc., 1014 W. Broadway, Steeleville, Illinois 62288 618/965-3419

DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel storage.

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5400 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-07

NAME & ADDRESS OF UNIT OWNER: Egyptian Electric Co-Op

DESCRIPTION AND COMMENTS: Office and garage

PRE OR POST (Y,N): Y

DISTANCE AND DIRECTION: 5400 ft. SW

---

APPENDIX: C3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #6 (IEPA #60211)

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60211-08  
NAME & ADDRESS OF UNIT OWNER: Schemonic Bros. Garage, Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Auto repair shop  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 5000 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-09  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 5100 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-10  
NAME & ADDRESS OF UNIT OWNER: Niederbrach Truck Service, Inc., Dale Hollow, Steeleville, Illinois 62288 618/965-3488  
DESCRIPTION AND COMMENTS: Trucking company with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3150 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-11  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, 705 N. Sparta, Steeleville, Illinois 62288 618/965-3485  
DESCRIPTION AND COMMENTS: Cake mix factory with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2200 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-12-0X  
NAME & ADDRESS OF UNIT OWNER: Unknown  
DESCRIPTION AND COMMENTS: Unmarked building with below ground fuel storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 670 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-13  
NAME & ADDRESS OF UNIT OWNER: Gilster - Mary Lee Corporation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Cake mix factory  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 500 ft. SSE

---

WELL NO. - MAP CODE - CLASSF\*: 60211-14  
NAME & ADDRESS OF UNIT OWNER: Illinois Department of Transportation, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Truck parking, garage and covered salt storage.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 1300 ft. SW

---



APPENDIX: C3 INVENTORY AND SYNOPSIS OF UNITS STEELEVILLE WELL #6 (IEPA #60211)

---

Classification (CLASSF\*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY  
PS = POTENTIAL SECONDARY  
RI = POTENTIAL ROUTE  
CC = CERTIFIED  
XI = UNKNOWN  
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY  
OS = POTENTIAL SECONDARY  
OR = POTENTIAL ROUTE  
CC = CERTIFIED  
OX = UNKNOWN  
CU = CLEANUP

---

WELL NO. - MAP CODE - CLASSF\*: 60211-15  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Former gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 2700 ft. SSW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-16  
NAME & ADDRESS OF UNIT OWNER: Hucks, Route 4 and Sparta, Steeleville, Illinois 62288  
618/382-2334  
DESCRIPTION AND COMMENTS: Convenience store with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3100 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-17  
NAME & ADDRESS OF UNIT OWNER: Sunoco, Broadway and Sparta, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Service station with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3200 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-18  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Maintenance building with below ground fuel storage assumed greater than 500 gallons.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3300 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-19  
NAME & ADDRESS OF UNIT OWNER: Unknown, Broadway St., Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Closed gas station  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 3350 ft. SW

---

WELL NO. - MAP CODE - CLASSF\*: 60211-20  
NAME & ADDRESS OF UNIT OWNER: Village of Steeleville, Village Hall, 107 W. Broadway, Steeleville, Illinois 62288  
DESCRIPTION AND COMMENTS: Sewage treatment plant, NPDES #IL0031241.  
PRE OR POST (Y,N): Y  
DISTANCE AND DIRECTION: 4000 ft. S

---



## APPENDIX D





FACILITY: 1570650 STEELEVILLE

----- OWNER ----- OFFICIAL CUSTODIAN -----

G.W. ZACHEIS

TYRONE MULLINS

VILLAGE HALL

WATER SUPERINTENDENT

107 WEST BROADWAY

107 WEST BROADWAY

STEELEVILLE

STEELEVILLE

IL 62288

WELL: 60207 WELL 1-CORNER CHARLES AND JAMES STS  
LATITUDE: N38 00 28.0 STATUS: ACTIVE  
LONGITUDE: W089 39 49.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 285  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 7E  
--- MINIMUM SETBACK(FT): 0200 ---

WELL: 60208 WELL 3-NW CORNER OF WTP BUILDING  
LATITUDE: N38 00 34.0 STATUS: ACTIVE  
LONGITUDE: W089 39 33.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 319  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 6F  
--- MINIMUM SETBACK(FT): 0200 ---

WELL: 60209 WELL 4-E SIDE WEST STREET-JUST N/MO-PAC  
LATITUDE: N38 00 38.0 STATUS: ACTIVE  
LONGITUDE: W089 40 03.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 314  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 8G  
--- MINIMUM SETBACK(FT): 0200 ---

WELL: 60210 WELL 5-S SIDE RT 150-INT W/PERCY AVE  
LATITUDE: N38 00 24.0 STATUS: ACTIVE  
LONGITUDE: W089 39 07.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 335  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 1E  
--- MINIMUM SETBACK(FT): 0200 ---

WELL: 60211 WELL 6-1000 FT E/MULBERRY-8  
LATITUDE: N38 00 50.0 STATUS: ACTIVE  
LONGITUDE: W089 39 10.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 335  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 2H  
--- MINIMUM SETBACK(FT): 0200 ---

WELL: 60269 WELL 2-GREEN JUST N OF 0.05 MG ELEV TANK  
LATITUDE: N38 00 35.0 STATUS: ACTIVE  
LONGITUDE: W089 39 28.0  
SUSCEPTIBILITY - LAND BURIAL: G DEPTH(FT): 319  
AQUIFERS: PENNSYLVANIAN SYSTEM TWP: 06S RNG: 05W SEC: 16 PLOT: 4F  
--- MINIMUM SETBACK(FT): 0200 ---



FACILITY: 1570650 STEELEVILLE

(CONTINUED)

SUSCEPTIBILITY CODES

LAND BURIAL: G = RELATIVELY IMPERMEABLE BEDROCK WITHIN 20 TO 50 FT OF SURFACE, OVERLAIN BY TILL OR OTHER FINE-GRAINED MATERIALS.

LAND SPREADING: D2 = UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 20 FT THICK; NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

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APPENDIX E





FACILITY: 1570650 STEELEVILLE  
TAP: 60269 WELL 2-GREEN JUST N OF 0.05 MG ELEV TANK  
STATUS: A PUBLIC: Y COMM: Y TYPE WATER: G

SAMPLE NO: Z000122 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: 5-SPEC/OTHR COMMENTS:  
SMPL PRG: I-GWM INORG OBSRVATNS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS		RSLT		STORER		STANDARDS		TRIGGER	
ID	NO	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	LEVEL
0000001	001	00610		NITROGEN,AMMONIA TOTAL MG/L AS N		0.390			
0000001	002	00630		NITRATE & NITRITE TOTAL MG/L AS N		0.100 <	10.000		
0000001	003	00665		PHOSPHORUS, TOTAL MG/L AS P		0.010 <			
0000001	004	00720		CYANIDE, TOTAL MG/L AS CN		0.010 <			
0000001	005	00916		CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		46.000	0.200		
0000001	006	00927		MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		14.000			
0000001	007	00929		SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		60.000			
0000001	008	00937		POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		2.000			
0000001	009	00940		CHLORIDE, TOTAL MG/L AS CL		21.000			
0000001	010	00945		SULFATE, TOTAL MG/L AS SO4		10.000			
0000001	011	00951		FLUORIDE, TOTAL MG/L AS F		0.140	4.000		
0000001	012	00956		SILICA, TOTAL MG/L AS SiO2		10.000			
0000001	013	01002		ARSENIC, TOTAL RECOVERABLE UG/L AS AS		1.000 <	50.000		
0000001	014	01007		BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		170.000	1000.000		
0000001	015	01012		BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500 <			
0000001	016	01022		BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		50.000 <			
0000001	017	01027		CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB		3.000 <	10.000		
0000001	018	01036		CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB		5.000 <	50.000		
0000001	019	01037		COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		5.000 <			
0000001	020	01042		COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		5.000 <			
0000001	021	01045		IRON, TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP		5.000 <	5000.000		
0000001	022	01051		LEAD, TOTAL RECOVERABLE UG/L AS PB		302.000	1000.000		
0000001	023	01055		MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		5.000 <	50.000		
0000001	024	01067		NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		5.000 <			
0000001	025	01077		SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		3.000 <	50.000		
0000001	026	01082		STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		402.000			
0000001	027	01087		VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		5.000 <			
0000001	028	01092		ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		50.000 <	5000.000		
0000001	029	01105		ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP		50.000 <			
0000001	030	01147		SELENIUM, TOTAL RECOVERABLE UG/L AS SE		1.000 <	10.000		
0000001	031	32730		PHENOLS, TOTAL RECOVERABLE UG/L		5.000 <			
0000001	032	70300		RESIDUE, TOTAL FILTERABLE 2180 C, MG/L		325.000			
0000001	033	71900		MERCURY, TOTAL UG/L AS HG		0.050 <	2.000		
0000001	034	00010		WATER TEMPERATURE DEG C		16.000			
0000001	035	00059		FLOW (PUMPING) RATE GAL/MIN		35.000			
0000001	036	00090		OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		79.000-			
0000001	037	00095		CONDUCTIVITY(EC)-LAB(CUMHDS/CM @ 25 C		445.000			
0000001	038	00400		PH PH UNITS		6.700			
0000001	039	72004		FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN		25.000			
0000001	040	72019		DEPTH FROM LAND SURFACE TO WATER SURFACE		160.000			



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES  
SELECTED SAMPLE EXPANDED REPORT

PORT: PWGWP048  
DULE: PWGWM025

PAGE: 121  
DATE: 12/18/90

FACILITY: 1570650 STEELEVILLE

0000001 041 90410

FACILITY: 1570650 STEELEVILLE

TAP: 01 WATER TREATMENT PLANT

RAW SPCE: 60207 WELL 1-CORNER CHARLES AND JAMES STS

SAMPLE NO: Z000118 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: 5-SPEC/OTHR COMMENTS:  
SMPL PRG: I-GWM INDRG OBSRVATNS:

STATUS: A PUBLIC: Y COMM: Y TYPE WATER: G

STATUS: A  
STATUS: A

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS ID	RSLT NO	NO	DESCRIPTION	UNITS	STANDARDS			TRIGGER LEVEL
					RESULT	DRINK WTR	RAW WTR	
0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N		0.480			
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N		0.100	<	10.000	
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P		0.010	<		
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN		0.010	<	0.200	
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		40.000			
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		13.000			
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		70.000			
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		2.000			
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL		22.000			
0000001	010	00945	SULFATE, TOTAL MG/L AS S04		10.000	<		
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F		0.150		4.000	
0000001	012	00955	SILICA, TOTAL MG/L AS SiO2		10.000			
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS		1.000	<	50.000	
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		267.000		1000.000	
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500	<		
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		50.000	<		
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB		3.000	<	10.000	
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB		5.000	<	50.000	
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		5.000	<		
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		5.000	<	5000.000	
0000001	021	01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP		247.000		1000.000	
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS P8		5.000	<	50.000	
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		5.000	<	150.000	
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		5.000	<		
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		3.000	<	50.000	
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		370.000			
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		5.000	<		
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		50.000	<	5000.000	
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP		50.000	<		
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE		1.000	<	10.000	
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L		5.000	<		
0000001	032	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L		366.000			
0000001	033	71900	MERCURY, TOTAL UG/L AS HG		0.050	<	2.000	
0000001	034	00010	WATER TEMPERATURE DEG C		15.500			
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN		75.000			
0000001	036	00030	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		75.000-			



FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

0000001 037 00095 CONDUCTIVITY(CE)-LABCUMHOS/CM @ 25 C 450.000  
0000001 038 00403 PH PH UNITS 7.200  
0000001 039 72004 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN 45.000  
0000001 040 72019 DEPTH FROM LAND SURFACE TO WATER SURFACE 172.000  
0000001 041 90410 289.000

SAMPLE NO: 8028960 LOCATION: WELL #1  
SMPL TYPE: RAW COLLECTOR: W STERNBERG  
SMPL PURP: I-ROUTINE COMMENTS:  
SMPL PRG: I-GWM INORG OBSRVATNS:

COLL DATE: 03/09/83 DELIVERED BY:  
LAB RCVD: 04/14/83 RECEIVED BY:  
LAB COMPL: LAB SUPERVISOR:  
SMPL PERIOD: 03/83 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS RESULT ORINK MTR RAM MTR TRIGGER  
-----STANDARDS-----

00095 CONDUCTIVITY(CE)-LABCUMHOS/CM @ 25 C  
00403 PH LABORATORY UNITS 590.000  
00410 ALKALINITY,TOTAL MG/L AS CaCO3 7.800  
00610 NITROGEN,AMMONIA TOTAL MG/L AS N 275.000  
00630 NITRATE & NITRITE TOTAL MG/L AS N 0.510  
00720 CYANIDE,TOTAL MG/L AS CN 0.100 < 10.000  
00900 HARDNESS,EDTA MG/L AS CaCO3 0.005 < 0.200  
00916 CALCIUM,TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP 152.000  
00927 MAGNESIUM,TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP 42.000  
00929 SODIUM,TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP 13.600  
00937 POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP 76.000  
00940 CHLORIDE,TOTAL MG/L AS CL 1.500  
00945 SULFATE,TOTAL MG/L AS SO4 23.000  
00951 FLUORIDE,TOTAL MG/L AS F 10.000  
00955 SILICA,TOTAL MG/L AS SiO2 0.100 < 4.000  
01002 ARSENIC,TOTAL RECOVERABLE UG/L AS AS 11.000  
01007 BARIUM,TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP 1.000 < 50.000  
01012 BERYLLIUM,TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP 298.000  
01022 BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP 0.500 < 1000.000  
01027 CADMIUM,TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICP 50.000  
01034 CHROMIUM,TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICP 3.000 < 10.000  
01037 COBALT,TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP 5.000 < 50.000  
01042 COPPER,TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP 5.000 < 5000.000  
01045 IRON,TOTAL RECOVERABLE UG/L AS Fe ANAL BY ICP 3.000 < 5000.000  
01051 LEAD,TOTAL RECOVERABLE UG/L AS Pb 250.000  
01055 MANGANESE,TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP 5.000 < 1000.000  
01067 NICKEL,TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP 5.000 < 50.000  
01077 SILVER,TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP 3.000 < 150.000  
01082 STRONTIUM,TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP 5.000 < 50.000  
01087 VANADIUM,TOTAL RECOVERABLE UG/L AS V ANAL BY ICP 380.000  
01092 ZINC,TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP 4.000 < 5000.000  
01147 SELENIUM,TOTAL RECOVERABLE UG/L AS Se 13.000  
70300 RESIDUE,TOTAL FILTERABLE @180 C,MG/L 1.000 < 10.000  
70304 TOTAL DISSOLVED SOLIDS MG/L BY EC 330.000  
71900 MERCURY,TOTAL UG/L AS Hg 350.000  
0.120 2.000

SAMPLE NO: 7000117 LOCATION: WELL

COLL DATE: 01/22/87 DELIVERED BY:



# DIVISION OF PUBLIC WATER SUPPLIES SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWP048  
IDREF: PWGWM026

\*\*\* CONTINUED \*\*\*

FACILITY: 1570650 STEELVILLE

SMPL TYPE:	RAW	COLLECTOR:	IEPA SMPL COLLECTOR
SMPL PURP:	S-SPEC/OTHR	COMMENTS:	
SMPL PRPG:	V-VOC	DESRVATNS:	

LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS ID	RSLT NO	STORET- DESCRIPTION	NO	UNITS	RESULT	STANDARDS		TRIGGER LEVEL
						DRINK WTR	RAW WTR	
0000001	001	BROMODICHLOROMETHANE UG/L	32101	CG/MS	1.000	<		
0000001	002	CARBON TETRACHLORIDE UG/L	32102	CG/MS	1.000	<	5.000	
0000001	003	1,2-DICHLOROETHANE UG/L	32103		1.000	<	5.000	
0000001	004	BROMOFORM UG/L	32104	CG/MS	1.000	<		
0000001	005	DIBROMOCHLOROMETHANE UG/L	32105	GC/MS	1.000	<		
0000001	006	CHLOROFORM UG/L	32106	GC/MS	1.000	<		
0000001	007	TOLUENE UG/L	34010		1.000	<		
0000001	008	BENZENE UG/L	34030		1.000	<	5.000	
0000001	009	CHLOROBENZENE UG/L	34301		1.000	<		
0000001	010	ETHYLBENZENE UG/L	34371		1.000	<		
0000001	011	METHYLENE CHLORIDE UG/L	34423		1.000	<		
0000001	012	TETRACHLOROETHYLENE UG/L	34475	GC/MS	1.000	<		
0000001	013	1,1-DICHLOROETHANE UG/L	34496	GC/MS	1.000	<		
0000001	014	1,1-DICHLOROETHYLENE UG/L	34501	GC/MS	1.000	<	7.000	
0000001	015	1,1,1-TRICHLOROETHANE UG/L	34506	GC/MS	1.000	<	200.000	
0000001	016	TRANS-1,2-DICHLOROETHYLENE UG/L	34546	GC/MS	1.000	<		
0000001	017	TRICHLOROETHYLENE UG/L	39180		1.000	<	5.000	
0000001	018	WATER TEMPERATURE DEG C	00010		15.500			
0000001	019	FLOW (PUMPING) RATE GAL/MIN	00059		75.000			
0000001	020	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	00090		75.000			
0000001	021	CONDUCTIVITY(EC)-LAB(CMHQS/CM @ 25 C	00095		450.000			
0000001	022	PH PH UNITS	00400		7.200			
0000001	023	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	72004		45.000			
0000001	024	DEPTH FROM LAND SURFACE TO WATER SURFACE	72019		172.000			
0000001	025		90410		289.000			

FACILITY:	1570650 STEELEVILLE	STATUS: A
TAP:	01 WATER TREATMENT PLANT	STATUS: A
RAW SOURCE:	60208 WELL 3-NW CORNER OF WTP BUILDING	STATUS: A

COMM: Y TYPE WATER: G

SAMPLE NO:	LOCATION:	WELL
SAMPLE TYPE: <td>COLLECTOR: <td>IFPA </td></td>	COLLECTOR: <td>IFPA </td>	IFPA
SAMPLE PURP: <td>COMMENTS: <td></td> </td>	COMMENTS: <td></td>	
SAMPLE PRCG: <td>OBSRVATNS: <td></td> </td>	OBSRVATNS: <td></td>	

COLL DATE:	01/22/87	DELIVERED BY:	
LAB RCVD:	00/00/00	RECEIVED BY:	
LAB COMPL:	00/00/00	LAB SUPERVISOR:	
SAMPL PERIOD:	01/87	FUND CODE:	

ANALYSIS	NO	DESCRIPTION	STOR	NO	UNITS	RESULT	DRINK	WTR	STANDARDS	RAW	WTR	TRIGGER
0000001	001	NITROGEN,AMMONIA	TOTAL	MG/L	AS N	0.520						46
0000001	002	NITRATE & NITRITE	TOTAL	MG/L	AS N	0.100	<	10.000				47
0000001	003	PHOSPHORUS,	TOTAL	MG/L	AS P	0.010	<					48
0000001	004	CYANIDE,TOTAL	MG/L	AS CN	0.010	<	0.200					49
0000001	005	CALCIUM,TOTAL	RECOVERABLE	MG/L	AS CA	40.000						50
0000001	005	CALCIUM,TOTAL	RECOVERABLE	MG/L	AS CA	ANAL BY ICP						51
0000001	005	CALCIUM,TOTAL	RECOVERABLE	MG/L	AS CA	ANAL BY ICP						52
0000001	005	CALCIUM,TOTAL	RECOVERABLE	MG/L	AS CA	ANAL BY ICP						53



FACILITY: 1570650 STEELEVILLE		*** CONTINUED ***			
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	13.000	
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	71.000	
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.100	
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	25.000	
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4	10.000 <	
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.130	4.000
0000001	012	00956	SILICA, TOTAL MG/L AS SiO2	11.000	
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	1.000 <	50.000
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	285.000	1000.000
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.500 <	
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	50.000 <	
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000 <	10.000
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000 <	50.000
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000 <	
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	17.000	5000.000
0000001	021	01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP	289.000	1000.000
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000 <	50.000
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	5.000 <	150.000
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000 <	
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000 <	50.000
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	378.000	
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000 <	
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000 <	5000.000
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000 <	
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	1.000 <	10.000
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <	
0000001	032	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	349.000	
0000001	033	71900	MERCURY, TOTAL UG/L AS HG	0.050 <	2.000
0000001	034	00010	WATER TEMPERATURE DEG C	15.000	
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	70.000	
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	20.000-	
0000001	037	00095	CONDUCTIVITY (EC)-LAB(CUMHOS/CM @ 25 C	470.000	
0000001	038	00400	PH PH UNITS	7.200	
0000001	039	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	25.000	
0000001	040	90410		288.000	
SAMPLE NO: 8028970 LOCATION: WELL #3				COLL DATE: 03/09/83	DELIVERED BY:
SMPL TYPE: RAW				LAB RCVD: 04/14/83	RECEIVED BY:
SMPL PURP: I-ROUTINE				LAB COMPL:	LAB SUPERVISOR:
SMPL PRG: I-GWM INORG OBSRVATNS:				SMPL PERIOD: 03/83	FUND CODE:
ANALYSIS RSLT -----STORST-----					
ID	NO	NO	DESCRIPTION	UNITS	RESULT
00035			CONDUCTIVITY (EC)-LAB(CUMHOS/CM @ 25 C		590.000
00403			PH LABORATORY UNITS		7.900
00410			ALKALINITY, TOTAL MG/L AS CaCO3		281.000
00610			NITROGEN, AMMONIA TOTAL MG/L AS N		0.580
00630			NITRATE & NITRITE TOTAL MG/L AS N		0.100 <
00720			CYANIDE, TOTAL MG/L AS CN		0.005 <



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PAGE: 125  
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REPORT: PWGWP043  
MODULE: PWGWM026

FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

00900	HARDNESS, EDTA MG/L AS CaCO3	151.000
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	39.000
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	12.900
00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP	72.000
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	3.000
00940	CHLORIDE, TOTAL MG/L AS CL	24.000
00945	SULFATE, TOTAL MG/L AS SO4	11.000
00951	FLUORIDE, TOTAL MG/L AS F	0.130
00956	SILICA, TOTAL MG/L AS SiO2	11.000
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	1.000
01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP	299.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP	0.500
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	50.000
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICB	3.000
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICB	5.000
01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP	5.000
01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP	4.000
01045	IRON, TOTAL RECOVERABLE, UG/L AS Fe ANAL BY ICP	270.000
01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb	5.000
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP	5.000
01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP	3.000
01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP	5.000
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP	363.000
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	4.000
01092	ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP	7.000
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS Se	1.000
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	326.000
70304	TOTAL DISSOLVED SOLIDS MG/L BY EC	350.000
71900	MERCURY, TOTAL UG/L AS Hg	0.050

SAMPLE NO: Z000113 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: 5-SPEC/OTHR COMMENTS:  
SMPL PRG: V-VOC OBSRVATNS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS ID	RSLT NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER LEVEL
0000001	001	32101	BROMODICHLOROMETHANE UG/L GC/MS		1.000			
0000001	002	32102	CARBON TETRACHLORIDE UG/L GC/MS		1.000			
0000001	003	32103	1,2-DICHLOROETHANE UG/L		1.000	5.000		
0000001	004	32104	BROMOFORM UG/L GC/MS		1.000	5.000		
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS		1.000			
0000001	006	32106	CHLOROFORM UG/L GC/MS		1.000			
0000001	007	34010	TOLUENE UG/L		1.000			
0000001	008	34030	BENZENE UG/L		1.000	5.000		
0000001	009	34301	CHLOROBENZENE UG/L		1.000			
0000001	010	34371	ETHYLBENZENE UG/L		1.000			
0000001	011	34423	METHYLENE CHLORIDE UG/L		1.000			
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS		1.000			

FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000 <
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000 <
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000 < 7.000
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000 < 200.000
0000001	017	39180	TRICHLOROETHYLENE UG/L	1.000 <
0000001	018	00010	WATER TEMPERATURE DEG C	1.000 < 5.000
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	15.000
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	70.000
0000001	021	00095	CONDUCTIVITY(CEC)-LABCUMHDS/CM @ 25 C	20.000-
0000001	022	00400	PH PH UNITS	470.000
0000001	023	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	7.200
0000001	024	90410		25.000
				288.000

FACILITY: 1570650 STEELEVILLE

TAP: 02 WELL 4-E SIDE WEST ST/JUST N/MO-PAC RR

RAW SPCE: 60209 WELL 4-E SIDE WEST STREET-JUST N/MO-PAC

STATUS: A

STATUS: A

STATUS: A

SAMPLE NO: Z000124

LOCATION: WELL

COLLECTOR: IEPA SMPL COLLECTOR

SMPL TYPE: RAW

SMPL PURP: 5-SPEC/OTHR COMMENTS:

SMPL PRPG: I-GWM INDRG OBSRVATNS:

COLL DATE: 01/22/87

DELIVERED BY:

LAB RCVD: 00/00/00

RECEIVED BY:

LAB COMPL: 00/00/00

LAB SUPERVISDR:

SMPL PERIOD: 01/87

FUND CODE:

ANALYSIS		RSLT		STORRT		DESCRIPTION		UNITS		RESULT		STANDARDS		RAW WTR		TRIGGER	
ID	NO	NO	NO	NO	NO												
0000001	001	00610				NITROGEN,AMMONIA	TOTAL MG/L AS N			0.510							
0000001	002	00630				NITRATE & NITRITE	TOTAL MG/L AS N			0.100 <		10.000					
0000001	003	00655				PHOSPHORUS,	TOTAL MG/L AS P			0.010 <							
0000001	004	00720				CYANIDE,	TOTAL MG/L AS CN			0.010 <		0.200					
0000001	005	00916				CALCIUM,	TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			17.000							
0000001	006	00927				MAGNESIUM,	TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			7.600							
0000001	007	00929				SODIUM,	TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP			124.000							
0000001	008	00937				POTASSIUM,	TOTAL RECOVERABLE MG/L AS K ANAL BY ICP			1.900							
0000001	009	00940				CHLORIDE,	TOTAL MG/L AS CL			38.000							
0000001	010	00945				SULFATE,	TOTAL MG/L AS SO4			10.000 <							
0000001	011	00951				FLUORIDE,	TOTAL MG/L AS F			0.180		4.000					
0000001	012	00955				SILICA,	TOTAL MG/L AS SI02			8.000							
0000001	013	00956				SILICA,	TOTAL MG/L AS SI02			8.000							
0000001	014	01002				ARSENIC,	TOTAL RECOVERABLE UG/L AS AS			1.000 <		50.000					
0000001	015	01007				BARIUM,	TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP			187.000		1000.000					
0000001	016	01012				BERYLLIUM,	TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP			0.500 <							
0000001	017	01022				BORON,	TOTAL RECOVERABLE UG/L AS B ANAL BY ICP			56.000							
0000001	018	01027				CADMIUM,	TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP			3.000 <		10.000					
0000001	019	01034				CHROMIUM,	TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP			5.000 <		50.000					
0000001	020	01037				COBALT,	TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP			5.000 <							
0000001	021	01042				COPPER,	TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP			5.000 <		5000.000					
0000001	022	01045				IRON,	TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP			135.000		1000.000					
0000001	023	01051				LEAD,	TOTAL RECOVERABLE UG/L AS PB			5.000 <		50.000					
0000001	024	01055				MANGANESE,	TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP			5.000 <		150.000					
0000001	025	01067				NICKEL,	TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP			5.000 <							



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REPORT: PWGWP048  
MODULE: PWGWM026

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DATE: 12/18/90

FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

0000001	026	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000	<	50.000
0000001	027	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	285.000		
0000001	028	01087	VANADIUM, TOTAL RECOVERABLE UG/L ASV ANAL BY ICP	5.000	<	
0000001	029	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000	<	5000.000
0000001	030	01105	ALUMINUM, TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP	50.000	<	
0000001	031	01147	SELENIUM, TOTAL RECOVERABLE UG/L ASSE	1.000	<	10.000
0000001	032	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000	<	
0000001	033	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	373.000		
0000001	034	71903	MERCURY, TOTAL UG/L AS HG	0.080		2.000
0000001	035	00010	WATER TEMPERATURE DEG C	16.000		
0000001	036	00059	FLOW (PUMPING) RATE GAL/MIN	75.000		
0000001	037	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	109.000	-	
0000001	038	00095	CONDUCTIVITY(CEC)-LABCUMHOS/CM @ 25 C	555.000		
0000001	039	00400	PH PH UNITS	7.500		
0000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	105.000		
0000001	041	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	164.000		
0000001	042	90410		310.000		

SAMPLE NO: B028969 LOCATION: WELL #4  
SMPL TYPE: RAW COLLECTOR: W STERNBERG  
SMPL PURP: I-ROUTINE COMMENTS:  
SMPL PRG: I-GWM INORG OBSRVATNS:

COLL DATE: 03/09/83 DELIVERED BY:  
LAB RCVD: 04/14/83 RECEIVED BY:  
LAB COMPL: LAB SUPERVISOR:  
SMPL PERIOD: 03/83 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

STREET-----

UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL

00095	CONDUCTIVITY(CEC)-LABCUMHOS/CM @ 25 C	690.000		
00403	PH LABORATORY UNITS	7.800		
00410	ALKALINITY, TOTAL MG/L AS CaCO3	298.000		
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	0.100	<	
00630	NITRATE & NITRITE TOTAL MG/L AS N	0.100	<	10.000
00720	CYANIDE, TOTAL MG/L AS CN	0.005	<	0.200
00900	HARDNESS, EDTA MG/L AS CaCO3	60.000		
00915	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	17.000		
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	8.300		
00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	134.000		
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.100		
00940	CHLORIDE, TOTAL MG/L AS CL	49.000		
00945	SULFATE, TOTAL MG/L AS SO4	10.000	<	
00951	FLUORIDE, TOTAL MG/L AS F	1.160		4.000
00956	SILICA, TOTAL MG/L AS SiO2	8.100		
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	1.000	<	50.000
01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	202.000		1000.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.500	<	
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	80.000		
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000	<	10.000
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000	<	50.000
01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	<	
01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	3.000	<	5000.000
01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP	150.000		1000.000



FACILITY: 1570650 STEELVILLE

\*\*\* CONTINUED \*\*\*

	LEAD,TOTAL RECOVERABLE UG/L AS PB				50.000 <	50.000
01051	MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP				50.000 <	150.000
01055	NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP				3.000 <	
01067	SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP				50.000 <	50.000
01077	STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP				288.000	
01082	VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP				4.000 <	
01087	ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP				25.000	5000.000
01092	SELENIUM,TOTAL RECOVERABLE UG/L AS SE RESIDUE,TOTAL FILTERABLE @180 C,MG/L				1.000 <	10.000
01147	TOTAL DISSOLVED SOLIDS MG/L BY EC				451.000	
70300	MERCURY,TOTAL UG/L AS HG				410.000	
70304					0.050 <	2.000
71900						

SAMPLE NO:	Z000123	LOCATION:	WELL	SMPL	COLLECTOR	COLL	DATE:	01/22/87	DELIVERED	BY:
SMPL TYPE:	RAW	COLLECTOR:	IEPA			LAB	RCVD:	00/00/00	RECEIVED	BY:
SMPL PURP:	5-SPEC/OTHR	COMMENTS:				LAB	COMPL:	00/00/00	LAB	SUPERVISOR:
SMPL PROG:	V-VOC	OBSRVATNS:				SMPL	PERIOD:	01/87	FUND	CODE:

ANALYSIS	RSLT	-----STORET-----	
ID	NO	NO	DESCRIPTION

UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER
				-----STANDARDS-----

NO	ANALYTE	UNIT	CONC	DETECT	REMARKS
001	BROMODICHLOROMETHANE	UG/L	CG/MS	1.000	
002	CARBON TETRACHLORIDE	UG/L	CG/MS	5.000	
003	1,2-DICHLOROETHANE	UG/L	CG/MS	5.000	
004	BROMOFORM	UG/L	CG/MS	1.000	
005	DIBROMOCHLOROMETHANE	UG/L	GC/MS	1.000	
006	CHLOROFORM	UG/L	GC/MS	1.000	
007	TOLUENE	UG/L		1.000	
008	BENZENE	UG/L		1.000	
009	CHLOROBENZENE	UG/L		5.000	
010	ETHYLBENZENE	UG/L		1.000	
011	METHYLENE CHLORIDE	UG/L		1.000	
012	TETRACHLOROETHYLENE	UG/L	GC/MS	1.000	
013	1,1-DICHLOROETHANE	UG/L	GC/MS	1.000	
014	1,1-DICHLOROETHYLENE	UG/L	GC/MS	7.000	
015	1,1,1-TRICHLOROETHANE	UG/L	GC/MS	200.000	
016	TRANS-1,2-DICHLOROETHYLENE	UG/L	GC/MS	1.000	
017	TRICHLOROETHYLENE	UG/L		5.000	
018	WATER TEMPERATURE	DEG C		16.000	
019	FLOW (PUMPING) RATE	GAL/MIN		75.000	
020	OXIDATION-REDUCTION POTENTIAL (EH)	MILLIVOLTS		109.000	
021	CONDUCTIVITY(CEC)-LAB	CMHOS/CM @ 25 C		555.000	
022	PH	PH UNITS		7.500	
023	FLOW (PUMPING) TIME PRIOR TO SAMPLING	MIN		105.000	
024	DEPTH FROM LAND SURFACE TO WATER SURFACE			164.000	
025				310.000	



FACILITY: 1570650 STEELEVILLE  
TAP: 03 WELL 5-S SIDE RT 150 AT INT W/PERCY AVE  
RAW SPCE: 60210 WELL 5-S SIDE RT 150-INT W/PERCY AVE

STATUS: A  
PUBLIC: Y  
COMM: Y  
TYPE WATER: G

SAMPLE NO: ZC00116  
SMPL TYPE: RAW  
SMPL PURP: 5-SPEC/OTHR  
SMPL PRG: I-GWM INORG OBRVATNS

LOCATION: WELL  
COLLECTOR: IEPA SMPL COLLECTOR  
COMMENTS:  
DELIVERED BY:  
RECEIVED BY:  
LAB RCVD: 00/00/00  
LAB COMPL: 00/00/00  
SMPL PERIOD: 01/87  
LAB SUPERVISOR:  
FUND CODE:

ANALYSIS		RSLT		STORET		DESCRIPTION		UNITS		RESULT		STANDARDS		RAW WTR		TRIGGER	
ID	NO	NO	NO	NO	NO												
0000001	001	00610				NITROGEN, AMMONIA	TOTAL MG/L AS N			0.340							
0000001	002	00630				NITRATE & NITRITE	TOTAL MG/L AS N			0.110				10.000			
0000001	003	00665				PHOSPHORUS,	TOTAL MG/L AS P			0.010	<						
0000001	004	00720				CYANIDE,	TOTAL MG/L AS CN			0.010	<			0.200			
0000001	005	00916				CALCIUM,	TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			47.000							
0000001	006	00927				MAGNESIUM,	TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			13.000							
0000001	007	00929				SODIUM,	TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP			59.000							
0000001	008	00937				POTASSIUM,	TOTAL RECOVERABLE MG/L AS K ANAL BY ICP			1.700							
0000001	009	00940				CHLORIDE,	TOTAL MG/L AS CL			21.000							
0000001	010	00945				SULFATE,	TOTAL MG/L AS SO4			11.000							
0000001	011	00951				FLUORIDE,	TOTAL MG/L AS F			0.140				4.000			
0000001	012	00956				SILICA,	TOTAL MG/L AS SiO2			9.200							
0000001	013	00956				SILICA,	TOTAL MG/L AS SiO2			9.200							
0000001	014	01002				ARSENIC,	TOTAL RECOVERABLE UG/L AS AS			1.000	<			50.000			
0000001	015	01007				BARIUM,	TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP			144.000				1000.000			
0000001	016	01012				BERYLLIUM,	TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP			0.500	<						
0000001	017	01022				BORON,	TOTAL RECOVERABLE UG/L AS B ANAL BY ICP			50.000	<						
0000001	018	01027				CADMIUM,	TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB			3.000	<			10.000			
0000001	019	01034				CHROMIUM,	TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB			5.000	<			50.000			
0000001	020	01037				COBALT,	TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP			5.000	<						
0000001	021	01042				COPPER,	TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP			5.000	<			5000.000			
0000001	022	01045				IRON,	TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP			292.000				1000.000			
0000001	023	01051				LEAD,	TOTAL RECOVERABLE UG/L AS PB			5.000	<			50.000			
0000001	024	01055				MANGANESE,	TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP			5.000	<			150.000			
0000001	025	01067				NICKEL,	TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP			5.000	<						
0000001	026	01077				SILVER,	TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP			3.000	<			50.000			
0000001	027	01082				STRONTIUM,	TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP			251.000							
0000001	028	01087				VANADIUM,	TOTAL RECOVERABLE UG/L AS V ANAL BY ICP			5.000	<						
0000001	029	01092				ZINC,	TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP			50.000	<			5000.000			
0000001	030	01105				ALUMINUM,	TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP			50.000	<						
0000001	031	01147				SELENIUM,	TOTAL RECOVERABLE UG/L AS SE			1.000	<			10.000			
0000001	032	32730				PHENOLS,	TOTAL RECOVERABLE UG/L			5.000	<						
0000001	033	70300				RESIDUE,	TOTAL FILTERABLE @180 C, MG/L			336.000							
0000001	034	71900				MERCURY,	TOTAL UG/L AS HG			0.080				2.000			
0000001	035	00010				WATER TEMPERATURE	DEG C			15.500							
0000001	036	00059				FLOW (PUMPING) RATE	GAL/MIN			94.000							
0000001	037	00090				OXIDATION-REDUCTION POTENTIAL (EH)	MILLIVOLTS			87.000	-						
0000001	038	00095				CONDUCTIVITY(CEC)-LAB(CUMHNS/CM @ 25 C				450.000							
0000001	039	00400				PH PH UNITS				7.000							
0000001	040	72004				FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN				140.000							



FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

0000001 041 72019 DEPTH FROM LAND SURFACE TO WATER SURFACE  
0000001 042 90410

SAMPLE NO: B028955  
SMPL TYPE: RAW  
SMPL PURP: I-ROUTINE  
SMPL PRG: I-GWM INORG OBSRVATNS:

LOCATION: WELL #5  
COLLECTOR: W STERNBERG  
COMMENTS:

COLL DATE: 03/09/83 DELIVERED BY:  
LAB RCVD: 04/14/83 RECEIVED BY:  
LAB COMPL: LAB SUPERVISOR:  
SMPL PERIOD: 03/83 FUND CODE:

ANALYSIS RSLT -----STORET-----

ID NO NO DESCRIPTION

00095 CONDUCTIVITY(EC)-LAB(CUMHOS/CM @ 25 C  
00403 PH LABORATORY UNITS  
00410 ALKALINITY,TOTAL MG/L AS CAC03  
00610 NITROGEN,AMMONIA TOTAL MG/L AS N  
00630 NITRATE & NITRITE TOTAL MG/L AS N  
00720 CYANIDE,TOTAL MG/L AS CN  
00900 HARDNESS,EDTA MG/L AS CAC03  
00916 CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP  
00927 MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP  
00929 SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP  
00937 POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP  
00940 CHLORIDE,TOTAL MG/L AS CL  
00945 SULFATE,TOTAL MG/L AS S04  
00951 FLUORIDE,TOTAL MG/L AS F  
00956 SILICA,TOTAL MG/L AS S102  
01002 ARSENIC,TOTAL RECOVERABLE UG/L AS AS  
01007 BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP  
01012 BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP  
01022 BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP  
01027 CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB  
01034 CHROMIUM,TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB  
01037 COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP  
01042 COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP  
01045 IRON,TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP  
01051 LEAD,TOTAL RECOVERABLE UG/L AS PB  
01055 MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP  
01057 NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP  
01077 SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP  
01082 STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP  
01087 VANADIUM,TOTAL RECOVERABLE UG/L AS V ANAL BY ICP  
01092 ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP  
01147 SELENIUM,TOTAL RECOVERABLE UG/L AS SE  
70300 RESIDUE,TOTAL FILTERABLE @180 C,MG/L  
70304 TOTAL DISSOLVED SOLIDS MG/L BY EC  
71900 MERCURY,TOTAL UG/L AS HG

UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL  
-----STANDARDS-----

550.000  
7.800  
271.000  
0.340  
0.100 < 10.000  
0.005 < 0.200  
174.000  
49.000  
13.900  
57.000  
2.900  
21.000  
15.000  
0.100 4.000  
9.300  
1.000 < 50.000  
154.000 1000.000  
0.500 <  
40.000  
3.000 < 10.000  
5.000 < 50.000  
5.000 <  
4.000 5000.000  
330.000 1000.000  
5.000 < 50.000  
5.000 < 150.000  
3.000 <  
5.000 < 50.000  
264.000  
4.000 <  
6.000 5000.000  
1.000 < 10.000  
261.000  
330.000  
0.050 < 2.000

SAMPLE NO: Z000115  
SMPL TYPE: RAW  
SMPL PURP: S-SPEC/OTHR

LOCATION: WELL  
COLLECTOR: IEPA SMPL COLLECTOR  
COMMENTS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES  
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWP048  
MODULE: PWGWP026

FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

SMPL PRG: V-VOC D3SRVATNS:

SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL

0000001	001	32101	BROMODICHLOROMETHANE UG/L CG/MS	1.000	<	
0000001	002	32102	CARBON TETRACHLORIDE UG/L CG/MS	1.000	<	5.000
0000001	003	32103	1,2-DICHLOROETHANE UG/L	1.000	<	5.000
0000001	004	32104	BROMOFORM UG/L CG/MS	1.000	<	
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	1.000	<	
0000001	006	32106	CHLOROFORM UG/L GC/MS	1.000	<	
0000001	007	34010	TOLUENE UG/L	1.000	<	
0000001	008	34030	BENZENE UG/L	1.000	<	5.000
0000001	009	34301	CHLOROBENZENE UG/L	1.000	<	
0000001	010	34371	ETHYLBENZENE UG/L	1.000	<	
0000001	011	34423	METHYLENE CHLORIDE UG/L	1.000	<	
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000	<	
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000	<	
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000	<	7.000
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000	<	200.000
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000	<	
0000001	017	39180	TRICHLOROETHYLENE UG/L	1.000	<	5.000
0000001	018	00010	WATER TEMPERATURE DEG C	15.500		
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	94.000		
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	87.000-		
0000001	021	00095	CONDUCTIVITY(CEC)-LAB(CUMHOS/CM @ 25 C	450.000		
0000001	022	00400	PH PH UNITS	7.000		
0000001	023	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	140.000		
0000001	024	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	180.000		
0000001	025	90410		280.000		

FACILITY: 1570650 STEELEVILLE  
TAP: 04 WELL 6-1000 FT E/MULBERRY-8 BLK N/RT 150  
RAW SRCE: 60211 WELL 6-1000 FT E/MULBERRY-8 BLK N/FT 150

STATUS: A  
STATUS: A  
STATUS: A

PUBLIC: Y COMM: Y TYPE WATER: G

SAMPLE NO: Z000126 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: S-SPEC/JTHR COMMENTS:  
SMPL PRG: I-GWM INORG OBSRVATNS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL

0000001	001	00610	NITROGEN,AMMONIA TOTAL MG/L AS N	0.430		
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N	0.100	<	10.000
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P	0.010	<	
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN	0.010	<	0.200
0000001	005	00915	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	41.000		
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	12.000		
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	70.000		



FACILITY: 1570550 STEELEVILLE

\*\*\* CONTINUED \*\*\*

00000001	008	00937	POTASSIUM, TOTAL RECOVERABLE	MG/L AS K ANAL BY ICP					
00000001	009	00940	CHLORIDE, TOTAL	MG/L AS CL				2.000	
00000001	010	00945	SULFATE, TOTAL	MG/L AS SO4				23.000	
00000001	011	00951	FLUORIDE, TOTAL	MG/L AS F				10.000	<
00000001	012	00956	SILICA, TOTAL	MG/L AS SiO2				0.140	4.000
00000001	013	00956	SILICA, TOTAL	MG/L AS SiO2				10.000	
00000001	014	01002	ARSENIC, TOTAL RECOVERABLE	UG/L AS AS				1.000	<
00000001	015	01007	BARIIUM, TOTAL RECOVERABLE	UG/L AS BA ANAL BY ICP				50.000	
00000001	016	01012	BERYLLIUM, TOTAL RECOVERABLE	UG/L AS BE ANAL BY ICP				202.000	1000.000
00000001	017	01022	BORON, TOTAL RECOVERABLE	UG/L AS B ANAL BY ICP				0.500	<
00000001	018	01027	CADMIUM, TOTAL RECOVERABLE	UG/L AS CD ANAL BY ICB				50.000	<
00000001	019	01034	CHROMIUM, TOTAL RECOVERABLE	UG/L AS CR ANAL BY ICB				3.000	<
00000001	020	01037	COSALT, TOTAL RECOVERABLE	UG/L AS CO ANAL BY ICP				5.000	<
00000001	021	01042	COPPER, TOTAL RECOVERABLE	UG/L AS CU ANAL BY ICP				5.000	<
00000001	022	01045	IRON, TOTAL RECOVERABLE	UG/L AS FE ANAL BY ICP				5.000	<
00000001	023	01051	LEAD, TOTAL RECOVERABLE	UG/L AS PB				320.000	5000.000
00000001	024	01055	MANGANESE, TOTAL RECOVERABLE	UG/L AS MN ANAL BY ICP				5.000	<
00000001	025	01067	NICKEL, TOTAL RECOVERABLE	UG/L AS NI ANAL BY ICP				5.000	<
00000001	026	01077	SILVER, TOTAL RECOVERABLE	UG/L AS AG ANAL BY ICP				5.000	<
00000001	027	01082	STRONTIUM, TOTAL RECOVERABLE	UG/L AS SR ANAL BY ICP				3.000	<
00000001	028	01087	VANADIUM, TOTAL RECOVERABLE	UG/L AS V ANAL BY ICP				287.000	
00000001	029	01092	ZINC, TOTAL RECOVERABLE	UG/L AS ZN ANAL BY ICP				5.000	<
00000001	030	01105	ALUMINUM, TOTAL RECOVERABLE	UG/L AS AL ANAL BY ICP				50.000	<
00000001	031	01147	SELENIUM, TOTAL RECOVERABLE	UG/L AS SE				50.000	<
00000001	032	32730	PHENOLS, TOTAL RECOVERABLE	UG/L				1.000	<
00000001	033	70300	RESIDUE, TOTAL FILTERABLE	UG/L				5.000	<
00000001	034	71900	MERCURY, TOTAL	UG/L AS HG				331.000	
00000001	035	00010	WATER TEMPERATURE	DEG C				0.570	2.000
00000001	036	00059	FLOW (PUMPING) RATE	GAL/MIN				15.500	
00000001	037	00030	OXIDATION-REDUCTION POTENTIAL	(EH) MILLIVOLTS				80.000	
00000001	038	00095	CONDUCTIVITY(CEC)-LAB	CUMHOS/CM @ 25 C				90.000-	
00000001	039	00400	PH	PH UNITS				460.000	
00000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING	MIN				7.200	
00000001	041	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE					60.000	
00000001	042	90410						152.000	
								286.000	

SAMPLE NO: Z000127 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: 5-SPEC/OTHR COMMENTS:  
SMPL PRPG: I-GWM INORG OBSRVATNS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00700700 RECEIVED BY:  
LAB COMPL: 00700700 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS		RSLT	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER LEVEL
00000001	001	00610			NITROGEN, AMMONIA TOTAL	MG/L AS N	0.560			
00000001	002	00630			NITRATE & NITRITE TOTAL	MG/L AS N	0.100	10.000		
00000001	003	00665			PHOSPHORUS, TOTAL	MG/L AS P	0.010	<		
00000001	004	00720			CYANIDE, TOTAL	MG/L AS CN	0.010	<		
00000001	005	00916			CALCIUM, TOTAL RECOVERABLE	MG/L AS CA ANAL BY ICP	41.000			
00000001	006	00927			MAGNESIUM, TOTAL RECOVERABLE	MG/L AS CA ANAL BY ICP	12.000			



FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

00000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	70.000	
00000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.000	
00000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	24.000	
00000001	010	00945	SULFATE, TOTAL MG/L AS SO4	10.000	<
00000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.160	
00000001	012	00956	SILICA, TOTAL MG/L AS S102	10.000	4.000
00000001	013	00956	SILICA, TOTAL MG/L AS S102	10.000	
00000001	014	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	1.000	< 50.000
00000001	015	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	202.000	1000.000
00000001	016	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.500	<
00000001	017	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	50.000	<
00000001	018	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000	< 10.000
00000001	019	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000	< 50.000
00000001	020	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	<
00000001	021	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000	< 5000.000
00000001	022	01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP	325.000	1000.000
00000001	023	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000	< 50.000
00000001	024	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	5.000	< 150.000
00000001	025	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000	<
00000001	026	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000	< 50.000
00000001	027	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	286.000	
00000001	028	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000	<
00000001	029	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000	< 5000.000
00000001	030	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000	<
00000001	031	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	1.000	< 10.000
00000001	032	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000	<
00000001	033	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	373.000	
00000001	034	71900	MERCURY, TOTAL UG/L AS HG	0.570	2.000
00000001	035	00010	WATER TEMPERATURE DEG C	15.500	
00000001	036	00059	FLOW (PUMPING) RATE GAL/MIN	80.000	
00000001	037	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	90.000	-
00000001	038	00095	CONDUCTIVITY(CEC)-LAB(CUMHOS/CM @ 25 C	460.000	
00000001	039	00400	PH PH UNITS	7.200	
00000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	65.000	
00000001	041	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	152.000	
00000001	042	90410		284.000	

SAMPLE NO: 8043106 LOCATION: WELL #6  
SMPL TYPE: PAW COLLECTOR: W STERNBERG  
SMPL PURP: 1-ROUTINE COMMENTS:  
SMPL PPOG: I-GWM INORG OBSRVATNS:

COLL DATE: 04/26/82 DELIVERED BY:  
LAB RCVD: 06/02/82 RECEIVED BY:  
LAB COMPL: LAB SUPERVISOR:  
SMPL PERIOD: 04/82 FUND CODE:

ANALYSIS ID RSLT NO NO DESCRIPTION

STANDARD: DRINK WTR RAW WTR TRIGGER LEVEL

00095	CONDUCTIVITY(CEC)-LAB(CUMHOS/CM @ 25 C	600.000
00403	PH LABORATORY UNITS	7.700
00410	ALKALINITY, TOTAL MG/L AS CaCO3	276.000
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	0.480
00630	NITRATE & NITRITE TOTAL MG/L AS N	0.100



FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

00720	CYANIDE, TOTAL MG/L AS CN	0.005 <	0.200
00900	HARDNESS, EDTA MG/L AS CaCO3	149.000	
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	42.000	
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	12.800	
00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP	79.000	
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	3.600	
00940	CHLORIDE, TOTAL MG/L AS CL	25.000	
00945	SULFATE, TOTAL MG/L AS SO4	16.000	
00951	FLUORIDE, TOTAL MG/L AS F	0.160	4.000
00956	SILICA, TOTAL MG/L AS SiO2	10.000	
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	1.000 <	50.000
01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP	208.000	1000.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP	0.500 <	
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	70.000	
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICB	3.000 <	10.000
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICB	5.000 <	50.000
01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP	5.000 <	
01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP	5.000	5000.000
01045	IRON, TOTAL RECOVERABLE, UG/L AS Fe ANAL BY ICP	270.000	1000.000
01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb	6.000	50.000
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP	5.000 <	150.000
01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP	3.000 <	
01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP	5.000 <	50.000
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP	277.000	
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	4.000 <	
01092	ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP	49.000	5000.000
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS Se	1.000 <	10.000
70300	RESIDUE, TOTAL FILTERABLE 2180 C, MG/L	344.000	
70304	TOTAL DISSOLVED SOLIDS MG/L BY EC	360.000	
71900	MERCURY, TOTAL UG/L AS Hg	0.050 <	2.000

SAMPLE NO: ZC00125 LOCATION: WELL  
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR  
SMPL PURP: 5-SPEC/OTHP COMMENTS:  
SMPL PRG: V-VOC OBSRVATNS:

COLL DATE: 01/22/87 DELIVERED BY:  
LAB RCVD: 00/00/00 RECEIVED BY:  
LAB COMPL: 00/00/00 LAB SUPERVISOR:  
SMPL PERIOD: 01/87 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS

RESULT

STANDARDS

DRINK WTR

RAW WTR

TRIGGER LEVEL

0000001	001	32101	BROMOCHLOROMETHANE UG/L CG/MS	1.000 <	
0000001	002	32102	CARBON TETRACHLORIDE UG/L CG/MS	1.000 <	5.000
0000001	003	32103	1,2-DICHLOROETHANE UG/L	1.000 <	5.000
0000001	004	32104	BROMOFORM UG/L CG/MS	1.000 <	
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	1.000 <	
0000001	006	32106	CHLOROFORM UG/L GC/MS	1.000 <	
0000001	007	34010	TOLUENE UG/L	1.000 <	
0000001	008	34030	BENZENE UG/L	1.000 <	5.000
0000001	009	34301	CHLOROBENZENE UG/L	1.000 <	
0000001	010	34371	ETHYLBENZENE UG/L	1.000 <	
0000001	011	34423	METHYLENE CHLORIDE UG/L	1.000 <	



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES  
SELECTED SAMPLE EXPANDED REPORT

PAGE: 135  
DATE: 12/18/90

REPORT: PWGWP048  
MODULE: PWGWM026

FACILITY: 1570650 STEELEVILLE

\*\*\* CONTINUED \*\*\*

0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000 <	1.000
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000 <	1.000
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000 <	7.000
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000 <	200.000
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000 <	1.000
0000001	017	39180	TRICHLOROETHYLENE UG/L	1.000 <	5.000
0000001	018	00010	WATER TEMPERATURE DEG C	15.500	
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	80.000	
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	90.000-	
0000001	021	00095	CONDUCTIVITY(EC)-LAB(CUMHOS/CM @ 25 C	430.000	
0000001	022	00400	PH PH UNITS	7.200	
0000001	023	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	60.000	
0000001	024	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	152.000	
0000001	025	90410		286.000	

APPENDIX F





HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 6 0 2 0 9 - 0 3 - X I , Distance and Direction from the Wellhead: 100 feet south
2. Nature of Business: unmarked building
3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): none
4. DAPC Permit Number(s) and Description: none
5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): none
6. ERU Incidents and Description: none
7. ERU 313 Reports and Description: none
8. ESDA 302/303 Reports and Description: none
9. ESDA 311/312 Reports and Description: none
10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

none

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name

Address

unknown

12. Is the site sewered or non-sewered? N/A

If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

[    ] Yes. If yes, describe:

[ X ] No.



14. Are there currently any on-site piles of special or hazardous waste?

☐ Yes. If yes, describe:

☒ No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

☐ Yes.

☒ No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

☒ Yes. If yes, describe: one tank -- size unknown

☐ No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

☐ Yes (continue to next question)

☒ No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

☐ Yes (continue to next question)

☐ No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

☐ Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

☐ Replacement or major repair of damaged facilities

☐ Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

☐ Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

☐ Reordering or other replenishment of inventory due to the amount of substance lost

- ☐ Temporary or more long-term monitoring of groundwater at or near the site
  - ☐ Stop usage of an on-site or nearby water well because of offensive characteristics of the water
  - ☐ Coping with fumes from subsurface storm drains or inside basements
  - ☐ Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site
- (d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

☐ Yes. If yes, describe:

☒ No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

☐ Yes. If yes, describe:

☒ No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

☒ Yes. If yes, describe: any below ground fuel tank in close proximity to a water well is a potential hazard

☐ No.

WB:dks/122q, 10-12

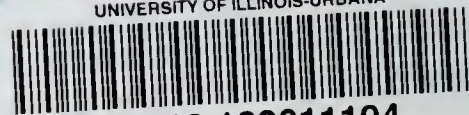








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